George G. Vega

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Personal Information

Date of birth	March 2, 1988.
Place of birth	Iquique, Chile
Location	Santiago, Región Metropolitana, Chile.

Education

Master in Economics and Public Policy, Adolfo Ibáñez University (2011)
BS. in Business Administration, Adolfo Ibáñez University (2010)
BS. in Social Sciences, Adolfo Ibáñez University (2010)

Work Experience

Chilean Pension Supervisor, 2011–Present Research Division *Analyst*. Conducting research and statistical analysis on the Unemployment Insurance System and the Pension System.

Nodos Chile Social Network Analysis Ltda., 2012–Present *Partner*. Founding partner of one of the first applied SNA Consultancy Entrepreneurships in Chile.

Adolfo Ibáñez University, 2011–2012. School of Government *Adjunct Professor* of Economics and Statistical Computing (2012). Taught Introductory courses of Economics, Microeconomics and Statistical computing with Stata.

Chilean Ministry of Social Planning, 2011. Social Programs Monitoring *Analyst*. Survey and Analysis of the Government social programs supply and supporting the Monitoring Division with the Open-Data Initiative.

Research

Publications and Work in progress

Fábrega, J., & **Vega, G.** (forthcoming 2014) The impact of television rating over twitter activity: Evidence for Chile. In *Cuadernos.info*.

Repetto, A., & **Vega, G.** (2013). The impact of increasing retirement payroll-tax: Pensions, Salaries and Employment. In *Centro de Políticas Laborales, Adolfo Ibáñez University*.

Vega, G, & Melse, E. (2013). PARALLEL: multicore computing in Stata.

Fábrega, J., Paredes, P., & **Vega, G.** (2013). Exploratory Analysis of Television Audience in Twitter. In *Informe Anatel 2013, chapter 5, National Television Asociation (ANATEL)*.

Quintanilla, X., Poblete, I., & **Vega, G.** (2013). Actuarial Analysis on the Unemployment Insurance Funds. In *Working Paper N 56, Chilean Pension Supervisor*.

Vega, G. (2013). Unitary Needed Capital (CNU): Computing and Introducing Stata module cnu. In *Technical Note N 2, Chilean Pension Supervisor*.

Selected Software

Vega, G., & Muñoz, E. (2013). ABCoptim: An Implementation of the Artificial Bee Colony (ABC) Optimization algorithm. In *The Comprehensive R Archive Network*.

Vega, G. (2012). PARALLEL: Stata module for Parallel Computing. In *Statistical Software Components, Boston College Department of Economics*.

Vega, G., Fábrega, J., & Kunst, J. (2012). rgexf: An R package to build gexf graph files. In *The Comprehensive R Archive Network*.

Vega, G., & Fajnzylber, E. (in development). NNMATCH2: A faster implementation of the Nearest Neighbour Matching Estimator.

Vega, G. (2012). googlePublicData: An R package to build Google's Public Data Explorer DSPL Metadata files, In *The Comprehensive R Archive Network*.

Conferences and Presentations

"PARALLEL: Stata module for parallel computing", presented at the *Stata Conference* (2013), New Orleans, USA.

"Introducing rgexf and how to develop your own R-package", presetented at the *Group of R users in Chile* (2013), Santiago, Chile.

"Introducing PARALLEL: Stata Module for Parallel Computing", presented at the *Reunión Anual de la Sociedad de Economistas de Chile* (2012), Viña del Mar, Chile.

Honours and Professional Achievements

Ad hoc reviewer (parallel computing) of the Official Journal of The Society for Computational Economics (January 2013).

Book reviewer "Network Graph Analysis and Visualization with Gephi", by Ken Cherven, Packt Publishing, 2013.

Founder of the R Users Group in Chile Starting in January 2013.

Honorable Mention (Posters Sesion. Work: *Introducing Parallel: Stata Module for Parallel Computing*) given by the Chilean Economics Society during its 2012 annual meetting.

Honour Scholarship given by Adolfo Ibáñez University for completing undergrad and graduate studies (2006-2010).

Director and co-founder of the Project "Educación Joven", 2008–2009. A program in remedial education dedicated to assist low income students on reaching Higher Education.